

Application No.: 10/026,171
Response dated: November 13, 2003
Reply to Office Action of September 12, 2003

IN THE CLAIMS

Please amend the claims as follows.

1. (Currently Amended) A method for preparing a supported catalyst system comprising the steps of:
 - (a) heating a composition comprising a ~~bulky ligand metallocene-type~~ metallocene catalyst compound to a temperature of from ~~75~~ 50°C to 125°C; and
 - (b) combining the heated composition with a carrier.
2. (Original) The method of claim 1 wherein the carrier is heated.
3. (Original) The method of claim 1 wherein in step (a) the composition is heated to a temperature in the range of from 75°C to 100°C.
4. (Original) The method of claim 2 wherein the carrier is heated to a temperature in the range of from 25°C to 150°C.
5. (Currently Amended) The method of claim 1 wherein the ~~bulky ligand metallocene-type~~ metallocene catalyst compound has a solubility less than 20 weight percent of ~~bulky ligand metallocene-type~~ metallocene catalyst compound in toluene at room temperature (25°C).
6. (Currently Amended) A method for making a supported catalyst system comprising the steps of:
 - (a) forming a reaction product comprising a ~~bulky ligand metallocene-type~~ metallocene catalyst compound and an activator;
 - (b) heating the reaction product to a temperature of from ~~60~~ 50°C to 125°C;
 - (c) introducing a carrier, optionally heating the carrier;
 - (d) combining the heated reaction product with the carrier or optionally the heated carrier.

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7. (Original) The method of claim 6 wherein the reaction product is heated to a temperature in the range from 75°C to 100°C.
8. (Currently Amended) A method for making a supported catalyst system comprising the steps of:
 - (a) heating an activated ~~bulky ligand metallocene-type~~ metallocene catalyst product to a temperature of from ~~60~~ 50°C to 125°C;
 - (b) heating a carrier; and
 - (c) combining the heated carrier and the heated activated ~~bulky ligand metallocene-type~~ metallocene catalyst.
9. (Currently Amended) The method of claim 8 wherein the activated ~~bulky ligand metallocene-type~~ metallocene catalyst is heated to a temperature of from 75°C to 100°C.
10. (Currently Amended) A method for preparing a supported catalyst system comprising the steps of:
 - (a) heating a composition comprising a ~~bulky ligand metallocene-type~~ metallocene catalyst compound at ~~to~~ a first temperature, wherein the first temperature is in the range of from 60°C to 110°C;
 - (b) heating a carrier at a second temperature; and
 - (c) combining ~~(a) and (b)~~ said metallocene catalyst, and said carrier, at a third temperature.
11. (Original) The method of claim 10 wherein the first, second and third temperatures are the same.
12. (Original) The method of claim 10 wherein the first and second temperatures are the same.

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13. (Cancelled)
14. (Currently Amended) A method for preparing a supported catalyst composition comprising the steps of:
- (a) combining a ~~bulky ligand metallocene-type~~ metallocene catalyst compound and an activator at a temperature in the range of from ~~30°C~~ 60 °C to 125°C; and
 - (b) introducing a carrier.
15. (Original) The method of claim 14 wherein the supported catalyst composition is dried or substantially dried to a free flowing powder composition.
16. (Original) The method of claim 15 wherein the free flowing composition is reslurried in a liquid.
17. (Original) The method of claim 16 wherein the liquid is mineral oil.
18. (Currently Amended) The method of claim 14 wherein the ~~bulky ligand metallocene-type~~ metallocene catalyst compound and activator are combined at a temperature of from ~~60~~ 50°C to 110°C.
19. (Currently Amended) The method of claim 14 wherein the ~~bulky ligand metallocene-type~~ metallocene catalyst compound and activator are combined at a temperature of from 60°C to 100°C.
20. (Currently Amended) The method of claim 14 wherein the ~~bulky ligand metallocene-type~~ metallocene catalyst compound and activator are combined at a temperature of from 75°C to 100°C.
21. (New) A method for preparing a supported catalyst composition comprising:

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- a) combining a metallocene catalyst compound and an activator at a temperature in the range of from 60°C to 110°C; and
 - b) introducing a carrier.
22. (New) The method of claim 21, wherein the metallocene catalyst compound and activator are combined at a temperature of from 75°C to 100°C.